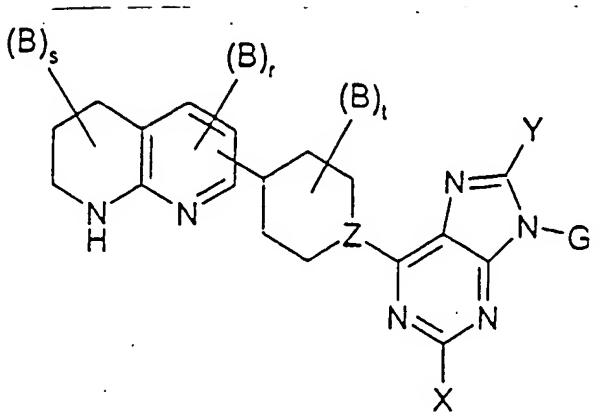
Listing of Claims:

Claim 1 (currently amended) A compound selected from the group consisting of a compound of the formula ~~I~~



I

in which G is ~~a residue of the formula II~~

$$-(CR^1R^2)_n-A-(CR^1R^2)_m-(CR^1R^3)_i-(CR^1R^2)_q-R^4 \qquad \text{II}$$

A is selected from the group consisting of a direct bond,

$-C(O)NR^5-$, $-NR^5C(O)-$, $-C(O)-$, $-NR^5-$, $-O-$, $-S-$, $-S(O)-$,

$-S(O)_2-$, (C_2-C_4)-alkynediyl, (C_2-C_4)-alkenediyl, and (C_5-C_{14})-arylene where in the arylene residue one, two, three, four or five ring carbon atoms can be replaced by ~~heteroatoms~~ a heteroatom selected from the ~~series~~ group consisting of nitrogen, oxygen and sulfur, or a divalent residue of a 3-membered to 7-membered saturated or unsaturated ring which can contain one or two ring heteroatoms selected from the ~~series~~ group consisting of nitrogen, sulfur and oxygen and which can be monosubstituted or disubstituted by ~~residues from the series~~ a member selected from the group

consisting of =O, =S and R^3;

B ~~is~~ are individually selected from the group consisting of (C_1-C_{18})-alkyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl-, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl-(C_1-C_8)-alkyl-, (C_5-C_{14})-heteroaryl, (C_5-C_{14})-heteroaryl-(C_1-C_8)-alkyl-, fluorine, chlorine, bromine, hydroxy, cyano, trifluoromethyl, nitro, hydroxycarbonyl-, (C_1-C_6)-alkoxy, (C_1-C_6)-alkoxy-(C_1-C_6)-alkyl-, (C_1-C_6)-alkoxycarbonyl-, (C_1-C_6)-alkylcarbonyl-, (C_5-C_{14})-arylcarbonyl-, (C_1-C_6)-alkylamino-carbonyl-, (C_1-C_6)-alkoxy-(C_1-C_6)-alkoxy-, (C_5-C_{14})-aryl-(C_1-C_8)-alkylcarbonyl-, (C_1-C_6)-alkanoylamino-, (C_1-C_6)-alkylsulfonylamino-, (C_5-C_{14})-arylsulfonylamino-, (C_1-C_6)-alkylamino-, di-((C_1-C_6)-alkyl)amino-, (C_1-C_6)-alkylsulfonyl-, aminosulfonyl-, (C_5-C_{14})-arylsulfonyl-, (C_5-C_{14})-aryl-(C_1-C_8)-alkylsulfonyl-, (C_5-C_{14})-aryl ~~or~~ and (C_5-C_{14})-heteroaryl~~, where all residues B are independent of one another and can be identical or different~~;

X is selected from the group consisting of hydrogen, $NR^6R^{6'}$, fluorine, chlorine, bromine, $-OR^6$, $-SR^6$, hydroxy-(C_1-C_6)-alkyl-NH-, (hydroxy-(C_1-C_6)-alkyl)$_2$N-, amino-(C_1-C_6)-alkyl-NH-, (amino-(C_1-C_6)-alkyl)$_2$N-, hydroxy-(C_1-C_6)-alkyl-O-, hydroxy-(C_1-C_6)-alkyl-S- ~~or~~ and -NH-C(O)-R^6);

Y is selected from the group consisting of R^6, fluorine, chlorine, bromine, cyano, $-NR^6R^{6'}$-, $-OR^6$, $-SR^6$ ~~or~~ and hydroxy-(C_1-C_6)-alkyl-NH-;

Z is N or $-\overset{/}{\underset{\backslash}{C}}H$;

R^1 and R^2 are individually selected from the group consisting of hydrogen, fluorine, chlorine, cyano, nitro, (C_1-C_{10})-alkyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl-, (C_5-C_{14})-aryl, (C_5-

C_{14})-aryl-(C_1-C_8)-alkyl-, (C_5-C_{14})-heteroaryl, (C_5-C_{14})-heteroaryl-(C_1-C_8)-alkyl-, R^6-O-R^7, R^6-$S(O)_p$-R^7, $R^6S(O)_2NHR^7$, $R^6OC(O)NHR^7$ ~~or~~ and $R^6R^{6'}N$-R^7~~, where all residues R^1 and R^2 are independent of one another and can be identical or different~~;

R^3 is selected from the group consisting of hydrogen, fluorine, chlorine, cyano, nitro, (C_1-C_{18})-alkyl, (C_2) to C_{18})-alkenyl, (C_2 to C_{18})-alkenyl (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl-, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl-(C_1-C_8)-alkyl-, (C_5-C_{14})-heteroaryl, (C_5-C_{14})-heteroaryl-(C_1-C_8)-alkyl-, R^6-O-R^7, $R^6R^{6'}N$-R^7, $R^6C(O)$-O-R^7, $R^6C(O)R^7$, $R^6OC(O)R^7$), ($R^6N(R^{6'})C(O)OR^7$, $R^6S(O)_pN(R^5)R^7$, $R^6OC(O)N(R^5)R^7$, $R^6C(O)N(R^5)R^7$, $R^6N(R^{6'})C(O)N(R^5)R^7$, $R^6N(R^{6'})S(O)_pN(R^5)R^7$, $R^6S(O)_pR^7$, $R^6SC(O)N(R^5)R^7$, $R^6N(R^{6'})C(O)R^7$ ~~or~~ and $R^6N(R^{6'})S(O)_pR^7$, ~~where alkyl can be mono-unsaturated or poly-unsaturated and~~ where alkyl, cycloalkyl, aryl, and heteroaryl can be monosubstituted or polysubstituted by a member selected from the group consisting of R^6, fluorine, chlorine, bromine, cyano, trifluoromethyl, $R^6R^{6'}NR^7$, nitro, $R^6OC(O)R^7$, $R^6C(O)R^7$, $R^6N(R^{6'})C(O)R^7$, $R^6N(R^{6'})S(O)_pR^7$ ~~or~~ and R^6-O-R^7, and where all R^3s are independent of one another and can be identical or different;

R^4 is selected from the group consisting of -$C(O)R^8$, -$C(S)R^8$, -$S(O)_pR^8$, -$S(O)_pR^8$, -$P(O)R^8R^{8'}$ ~~or a residue of~~ and a 4-membered to 8-membered saturated or unsaturated heterocycle which contains 1, 2, 3 or 4 heteroatoms selected from the ~~series~~ group consisting of nitrogen, oxygen and sulfur;

R^5 is selected from the group consisting of hydrogen, (C_1-C_{10})-alkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl-, (C_5-C_{14}) aryl ~~or~~ and (C_5-C_{14})aryl-(C_1-C_8)-alkyl~~, where all residues R^5 are independent of one another and can be identical or different~~;

R^6 and $R^{6'}$ are individually selected from the group consisting of hydrogen, (C_1-C_{18})-alkyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl-, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl-(C_1-C_8)-alkyl-, (C_5-C_{14})-

heteroaryl ~~or~~ and (C_5-C_{14})-heteroaryl-(C_1-C_8)-alkyl- where aryl, heteroaryl, cycloalkyl and alkyl can be substituted one, two or three times by ~~identical or different~~ individual substituents selected from the group ~~series~~ group consisting of fluorine, chlorine, bromine, cyano, trifluoromethyl, nitro, hydroxycarbonyl-, (C_1-C_6)-alkyl, (C_1-C_6)-alkoxy, (C_1-C_6)-alkoxy-(C_1-C_6)-alkyl-, (C_1-C_6)-alkoxycarbonyl-, (C_1-C_6)-alkylcarbonyl-, (C_1-C_6)-alkylaminocarbonyl-, (C_1-C_6)-alkoxy-(C_1-C_6)-alkoxy-, (C_5-C_{14})-arylcarbonyl-, (C_5-C_{14})-aryl-(C_1-C_8)-alkylcarbonyl-, (C_1-C_6)-alkanoylamino-, (C_5-C_{14})-arylsulfonylamino-, (C_1-C_6)-alkylsulfonylamino-, (C_1-C_6)-alkylamino-, di-((C_1-C_6)-alkyl)amino-, (C_1-C_6)-alkylsulfonyl-, (C_1-C_6)-alkylaminosulfonyl-, (C_5-C_{14})-arylaminosulfonyl-, (C_5-C_{14})-aryl-(C_1-C_8)-alkylaminosulfonyl, (C_5-C_{14})-arylsulfonyl-, (C_5-C_{14})-aryl-(C_1-C_8)-alkylsulfonyl, (C_5-C_{14})-aryl and (C_5-C_{14}-heteroaryl~~, and where all residues R^6 and $R^{6'}$ are independent of one another and can be identical or different~~;

R^7 is (C_1-C_4)-alkanediyl or a direct bond, where all ~~residues~~ R^7 are independent of one another and can be identical or different;

R^8 and $R^{8'}$ are individually selected from the group consisting of hydroxy, (C_1-C_8)-alkoxy, (C_5-C_{14})-aryl-(C_1-C_8)-alkoxy-, (C_5-C_{14})-aryloxy, (C_1-C_8)-alkylcarbonyloxy-(C_1-C_4)-alkoxy-, (C_5-C_{14})-aryl-(C_1-C_8)-alkylcarbonyloxy-(C_1-C_8)-alkoxy-, $NR^6R^{6'}$, (di-((C_1-C_8)-alkyl)amino)carbonylmethyloxy-, (di-((C_5-C_{14})-aryl-(C_1-C_8)-alkyl)amino)carbonylmethyloxy-, (C_5-C_{14})-arylamino-, ~~the residue of~~ an amino acid, N-((C_1-C_4)-alkyl)piperidin-4-yloxy-, 2-methylsulfonylethoxy-, 1,3-thiazol-2-ylmethyloxy-, 3-pyridylmethyloxy-, 2-(di-((C_1-C_4)-alkyl)amino)-ethoxy ~~or~~ and ~~the residue~~ Q^- $(CH_3)_3N^+$-CH_2-CH_2-O- in which Q^- is a physiologically tolerable anion~~, where all residues R^8 and $R^{8'}$ are independent of one another and can be identical or different~~;

n is zero, one, two, three, four or five;

m is zero, one, two, three, four or five;

i is zero or one;

q is zero, one or two;

r is zero, one or two;

s is zero, one, two or three;

t is zero, one, two, three, four, five, six, seven or eight;

p is zero, one or two, where all numbers p are independent of one another and can be identical or different;

in all their stereoisomeric forms and mixtures thereof in all ratios, and their non-toxic, physiologically tolerable salts ~~and their prodrugs~~;

where, instead of the purine structure shown in formula I, also a 3-deazapurine structure, a 7-deazapurine structure or a 7-deaza-8-azapurine structure can be present.

Claim 2 (currently amended) A compound of ~~the formula I as claimed in~~ claim 1, ~~in which~~ wherein G is ~~a residue of the formula II~~

$$-(CR^1R^2)_n-A-(CR^1R^2)_m-(CR^1-R^3)_i-(CR^1R^3)_i-(CR^1R^2)_q-R^4 \qquad \text{~~II~~}$$

A is selected from the group consisting of a direct bond,

$-C(O)NR^5-$, $-NR^5C(O)-$, $-C(O)-$, $-NR^5-$, $-O-$, $-S-$, $-S(O)-$, $-S(O)_2-$, (C_2-C_4)-alkynediyl, (C_2-C_4)-alkenediyl, (C_5-C_{14})-arylene where in the arylene residue one, two, three, four or five ring carbon atoms can be replaced by ~~heteroatoms~~ a heteroatom selected from the ~~series~~ group consisting of nitrogen, oxygen and sulfur, ~~or~~ and a divalent residue of a 3-membered to 7-membered saturated or

unsaturated ring which can contain one or two ring heteroatoms selected from the ~~series~~ group consisting of nitrogen, sulfur and oxygen and which can be monosubstituted or disubstituted by ~~residues~~ a member selected from the ~~series~~ group consisting of =O, =S and R^3;

B is selected from the group consisting of (C_1-C_{12})-alkyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl-, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl-(C_1-C_8)-alkyl-, (C_5-C_{14})-heteroaryl, (C_5-C_{14})heteroaryl-(C_1-C_8)-alkyl-, fluorine, chlorine, bromine, hydroxy, cyano, trifluoro-methyl, nitro, hydroxycarbonyl-, (C_1-C_6)-alkoxy, (C_1-C_6)-alkoxy-(C_1-C_6)-alkyl-, (C_1-C_6)-alkylcarbonyl-, (C_5-C_{14})-arylcarbonyl-, (C_5-C_{14})-aryl-(C_1-C_8)-alkylcarbonyl- (C_1-C_6)-alkylaminocarbonyl-, (C_1-C_6)-alkanoylamino-, (C_1-C_6)-alkylsulfonylamino-, (C_5-C_{14})-aryl-sulfonylamino-, (C_1-C_{14})-alkylamino-, di-$((C_1-C_6)$-alkyl)amino-, (C_1-C_6)-alkylsulfonyl-, (C_5-C_{14})-arylsulfonyl-, (C_5-C_{14})-aryl-(C_1-C_8)-alkylsulfonyl-, (C_5-C_{14})-aryl ~~or~~ and (C_5-C_{14})-heteroaryl, where all ~~residues~~ Bs are independent of one another and can be identical or different;

X is selected from the group consisting of hydrogen, NH_2, -NH-C(O)-R^6 ~~or~~ and OH;

Y is hydrogen;

Z is N;

R^1 and R^2 are independently ~~of one another are~~ selected from the group consisting of hydrogen, fluorine, chlorine, cyano, nitro, (C_1-C_{10})-alkyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl-, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl-(C_1-C_8)-alkyl-, (C_5-C_{14})-heteroaryl, (C_5-C_{14})-heteroaryl-(C_1-C_8)-alkyl-, R^6-O-R^7, $R^6S(O)_2NHR^7$, $R^6OC(O)NHR^7$ ~~or~~ and $R^6R^{6'}N$-R^7~~, where all residues R^1 and R^2, are independent of one another and can be identical or different~~;

R^3 is selected from the group consisting of hydrogen, fluorine, chlorine, cyano, nitro, (C_1-C_{18})-alkyl, (C_2-C_{18})-alkenyl, (C_2-C_{18})-alkynyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl-(C_1-C_8)-alkyl-, (C_5-C_{14})-heteroaryl, (C_5-C_{14})-heteroaryl-(C_1-C_8)-alkyl-, R^6-O-R^7, $R^6R^{6'}N$-R^7, $R^6C(O)$-O-R^7, $R^6C(O)R^7$, R^6,$N(R^{6'})C(O)OR^7$, R^6,$S(O)_pN(R^5)R^7$, $R^6OC(O)N(R^5)R^7$, $R^6C(O)N(R^5)R^7$, $R^6N(R^{6'})C(O)N(R^5)R^7$, $R^6N(R^{6'})S(O)_pN(R^5)R^7$, $R^6S(O)_pR^7$, $R^6SC(O)N(R^5)R^7$, $R^6N(R^{6'})C(O)R^7$ ~~or~~ and $R^6N(R^{6'})S(O)_pR^7$, ~~where alkyl can be mono-unsaturated or poly-unsaturated and~~ where alkyl, cycloalkyl, aryl and heteroaryl can be monosubstituted or polysubstituted by a member selected from the group consisting of R^6, fluorine, chlorine, bromine, cyano, trifluoromethyl, $R^6R^{6'}NR^7$, nitro, $R^6OC(O)R^7$, $R^6C(O)R^7$, $R^6N(R^{6'})C(O)R^7$, $R^6N(R^{6'})S(O)_pR^7$ ~~or~~ and R^6-O-R^7, and where all ~~residues~~ R^3 are independent of one another and can be identical or different;

R^4 is $-C(O)R^8$ or $-P(O)R^8R^{8'}$;

R^5 is selected from the group consisting of hydrogen, (C_1-C_{10})-alkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl- ~~or~~ and $(C_5-C_{14}$-aryl-(C_1-C_8)-alkyl-, where all ~~residues~~ R^5 are independent of one another and can be identical or different;

R^6 and $R^{6'}$ are individually selected from the group consisting of hydrogen, (C_1-C_{12})-alkyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl-, (C_5-C_{14})-aryl, $(C_5-C_{14}$-aryl-(C_1-C_8)-alkyl-, (C_5-C_{14})-heteroaryl ~~or~~ and (C_5-C_{14})-heteroaryl-(C_1-C_8)-alkyl- where aryl, heteroaryl, cycloalkyl and alkyl can be substituted one, two or three times by ~~identical or different~~ individual substituents selected from the ~~series~~ group consisting of fluorine, chlorine, bromine, cyano, trifluoromethyl, nitro, hydroxycarbonyl-, (C_1-C_6)-alkyl, (C_1-C_6)-alkoxy-, (C_1-C_6)-alkoxy-(C_1-C_6)-alkoxy-(C_1-C_6)-alkyl,

$(C_5$-$C_{14})$-arylcarbonyl-, $(C_5$-$C_{14})$-aryl-$(C_1$-$C_6)$-alkylcarbonyl-, $(C_1$-$C_6)$-alkanoylamino-, $(C_5$-$C_{14})$-arylsulfonylamino-, $(C_1$-$C_6)$-alkylsulfonylamino-, $(C_1$-$C_6)$-alkylamino-, di$((C_1$-$C_6)$-alkyl)amino-, $(C_1$-$C_6)$-alkylsulfonyl-, $(C_5$-$C_{14})$-aryl and $(C_5$-$C_{14})$-heteroaryl, and where all ~~residues~~ R_6 and $R_{6'}$ are independent of one another and can be identical or different;

R^7 is $(C_1$-$C_4)$-alkanediyl or a direct bond, where all ~~residues~~ R^7 are independent of one another and can be identical or different;

R^8 and $R^{8'}$ are individually selected from the group consisting of $(C_1$-$C_8)$-alkoxy, $(C_5$-$C_{14})$-aryl-$(C_1$-$C_8)$-alkoxy-, $(C_1$-$C_8)$-alkylcarbonyloxy-$(C_1$-$C_4)$-alkoxy- ~~or~~ and $NR^6R^{6'}$ where all ~~residues~~ R^8 and $R^{8'}$ are independent of one another and can be identical or different;

n is zero, one, two, three, four or five;

m is zero, one, two, three, four or five;

i is zero or one;

q is zero, one or two;

r is zero, one or two;

s is zero, one, two or three;

t is zero, one, two, three, four, five, six, seven or eight;

p is zero, one or two, where all numbers p are independent of one another and can be identical or different;

in all their stereoisomeric forms and mixtures thereof in all ratios, and their non-toxic, physiologically tolerable salts ~~and their prodrugs~~.

Claim 3 (currently amended) A compound of ~~the formula I as claimed in claims 1 and/or 2, in which~~ claim 1 wherein G is ~~a residue of the formula H~~

$$-(CR^1R^2)_n-A-(CR^1R^2)_m-(CR^1-R^3)_i-(CR^1R^2)_q-R^4 \qquad \text{H}$$

A is selected from the group consisting of a direct bond, $-C(O)NR^5-$, $-NR^5C(O)-$, $-C(O)-$, $-NR^5-$ ~~or~~ and (C_5-C_{14})-arylene where in the arylene ~~residue~~, one or two ring carbon atoms can be replaced by ~~heteroatoms~~ a heteroatom selected from the ~~series~~ group consisting of nitrogen, oxygen and sulfur;

B is selected from the group consisting of (C_1-C_6)-alkyl, chlorine, hydroxy, cyano, trifluoromethyl, (C_1-C_6)-alkoxy, (C_1-C_6)-alkylcarbonyl-, (C_1-C_6)-alkanoylamino-, (C_1-C_6)-alkylamino ~~or~~ and di((C_1-C_6)-alkyl)amino-, where all ~~residues~~ Bs are independent of one another and can be identical or different;

X is hydrogen;

Y is hydrogen;

Z is N;

R^1 and R^2 are individually selected from the group consisting of hydrogen, (C_1-C_4)-alkyl, $R^6S(O)_2NHR^7$ ~~or~~ and $R^6OC(O)NHR_7$, ~~where all residues R^1 and R^2 are independent of one another and can be identical or different~~;

R^3 is selected from the group consisting of hydrogen, (C_1-C_{12})-alkyl, $(C_2$ to $C_{18})$-alkenyl, (C_2-C_{18})-

alkynyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_6)-alkyl-, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl-(C_1-C_6)-alkyl-, (C_5-C_{14})-heteroaryl, (C_5-C_{14})-heteroaryl-(C_1-C_6)-alkyl-, $R^6R^{6'}N-R^7$, $R^6S(O)_2N(R^5)R^7$, $R^6OC(O)N(R^5)R^7$ ~~or~~ and $R^6C(O)N(R^5)R^7$, ~~where alkyl can be mono-unsaturated or poly-unsaturated and~~ where alkyl, cycloalkyl, aryl, and heteroaryl can be monosubstituted or polysubstituted by a member selected from the group consisting of R^6, fluorine, chlorine, trifluoromethyl, $R^6C(O)R^7$ ~~or~~ and R^6-O-R^7;

R^4 is $-C(O)R^8$;

R^5 is hydrogen or (C_1-C_4)-alkyl, where all ~~residues~~ R_5s are independent of one another and can be identical or different;

R^6 and $R^{6'}$ are individually selected from the group consisting of hydrogen, (C_1-C_{12})-alkyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl-, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl-(C_1-C_8)-alkyl-, (C_5-C_{14})-heteroaryl ~~or~~ and (C_5-C_{14})-heteroaryl-(C_1-C_8)-alkyl- where aryl, heteroaryl, cycloalkyl and alkyl can be substituted one, two or three times by ~~identical or different substituents from the series consisting~~ ~~of~~ members selected from the group consisting of fluorine, chlorine, bromine, cyano, trifluoromethyl, (C_1-C_6)-alkyl, (C_1-C_6)-alkoxy-, (C_1-C_6)-alkylamino-, di-$((C_1-C_6)$-alkyl)amino-, (C_5-C_{14})-aryl and (C_5-C_{14})-heteroaryl, and where all ~~residues~~ R^6s and $R^{6'}$s are independent of one another and can be identical or different;

R^7 is (C_1-C_2)-alkanediyl or a direct bond, where all ~~residues~~ R^7s are independent of one another and can be identical or different;

R^8 is hydroxy or (C_1-C_6)-alkoxy;

n is zero, one, two, three, four or five;

m is zero or one;

i is zero or one;

q is zero or one;

r is zero or one;

s is zero, one or two;

t is zero, one, two, three or four;

in all their stereoisomeric forms and mixtures thereof in all ratios, and their non-toxic physiologically tolerable salts ~~and their prodrugs~~.

Claim 4 (currently amended) A compound of ~~the formula I as claimed in one or more of claims 1 to 3, in which~~ claim 1 wherein G is ~~a residue of the formula II~~

$$-(CR^1R^2)_n-A-(CR^1R^2)_m-(CR^1R^3)_i-(CR^1R^2)_q-R^4 \qquad \text{II}$$

A is a direct bond;

B is (C_1-C_6)-alkyl or hydroxy, where all ~~residues~~ Bs are independent of one another and can be identical or different;

X is hydrogen;

Y is hydrogen;

Z is N;

R^1 and R^2 are individually selected from the group consisting of hydrogen, (C_1-C_4)-alkyl, $R^6S(O)_2NHR^7$ ~~or~~ and $R^6OC(O)NHR^7$; ~~where all residues R^1 and R^2 are independent of one another and can be identical or different~~;

R^3 is selected from the group from the group consisting of hydrogen, (C_1-C_{12})-alkyl, (C_2-C_{12})-alkenyl, (C_2-C_{12})-alkynyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_6)-alkyl-, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl-(C_1-C_6)-alkyl-, (C_5-C_{14})-heteroaryl, (C_5-C_{14})-heteroaryl-$C_1-C_6)$-alkyl-, $R^6R^{6'}N-R^7$, $R^6S(O)_2N(R^5)R^7$, $R^6OC(O)N(R^5)R^7$ ~~or~~ and $R^6C(O)N(R^5)R^7$, ~~where alkyl can be mono-unsaturated or poly-unsaturated and~~ where alkyl, cycloalkyl, aryl and heteroaryl can be monosubstituted or polysubstituted by at least one member selected from the group consisting of R^6, fluorine, chlorine, trifluoromethyl, $R^6C(O)R^7$ ~~or~~ and R^6-O-R^7;

R^4 is $-C(O)R^8$;

R^5 is hydrogen or (C_1-C_4)-alkyl;

R^6 and $R^{6'}$ are individually selected from the group consisting of hydrogen, (C_1-C_{12})-alkyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl-, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl-(C_1-C_8)-alkyl-, (C_5-C_{14})-heteroaryl or (C_5-C_{14})-heteroaryl-(C_1-C_8)-alkyl- where aryl, heteroaryl, cycloalkyl and alkyl can be substituted one, two or three times by ~~identical or different substituents~~ at least one substituent selected from the ~~series~~ group consisting of fluorine, chlorine, bromine, cyano, trifluoromethyl, (C_1-C_6)-alkyl, (C_1-C_6)-alkoxy, (C_1-C_6)-alkylamino, di$((C_1-C_6)$-alkyl)amino-, (C_5-C_{14})-aryl and (C_5-C_{14})-

heteroaryl, and where all R^6s and $R^{6'}$s are independent of one another and can be identical or different;

R^7 is a direct bond;

R^8 is hydroxy or $(C_1$-$C_4)$-alkoxy;

n is zero, one or two;

m is zero or one;

i is zero or one;

q is zero or one;

r is zero or one;

s is zero, one or two;

t is zero;

in all their stereoisomeric forms and mixtures thereof in all ratios, and their non-toxic, physiologically tolerable salts ~~and their prodrugs~~.

Claim 5 (currently amended) A compound of ~~the formula I as claimed in one or more of claims 1 to 4, which is a~~ claim 1 wherein G is ~~a residue of the formula II~~

$$-(CR^1R^2)_n\text{-}A\text{-}(CR^1R^2)_m\text{-}(CR^1R^3)_i\text{-}(CR^1R^2)^q\text{-}R^4 \qquad \text{II}$$

A is a direct bond;

X is hydrogen;

Y is hydrogen;

Z is N;

R^1 and R^2 are hydrogen or $(C_1$-$C_2)$-alkyl, where all R^1s and R^2s are independent of one another and can be identical or different;

R^3 is selected from the group consisting of $R^6R^{6'}N$-R^7, $R^6S(O)_2N(R^5)R^7$ ~~or~~ and $R^6C(O)N(R^5)R^7$;

R^4 is $-C(O)R^8$;

R^5 is hydrogen or $(C_1$-$C_2)$-alkyl;

R^6 and $R^{6'}$ are individually selected from the group consisting of hydrogen, $(C_1$-$C_{12})$-alkyl, $(C_3$-$C_{14})$-cycloalkyl, $(C_3$-$C_{14})$-cycloalkyl-$(C_1$-$C_8)$-alkyl-, $(C_5$-$C_{14})$-aryl, $(C_5$-$C_{14})$-aryl-$(C_1$-$C_8)$-alkyl, $(C_5$-$C_{14})$-aryl, $(C_5$-$C_{14})$-aryl-$(C_1$-$C_8)$-alkyl-, $(C_5$-$C_{14})$-heteroaryl ~~or~~ and $(C_5$-$C_{14})$-heteroaryl-$(C_1$-$C_8)$-alkyl- where aryl, heteroaryl, cycloalkyl and alkyl can be substituted one, two or three times by ~~identical or different substituents~~ at least one substituent selected from the ~~series~~ group consisting of fluorine, chlorine, bromine, cyano, trifluoromethyl, $(C_1$-$C_6)$-alkyl, $(C_1$-$C_6)$-alkoxy, $(C_1$-$C_6)$-alkylamino-, di-$((C_1$-$C_6)$-alkyl)amino-, $(C_5$-$C_{14})$-aryl and $(C_5$-$C_{14})$-heteroaryl, and where the R^6s and $R^{6'}$s are independent of one another and can be identical or different;

R^7 is a direct bond;

R^8 is hydroxy or $(C_1$-$C_4)$-alkoxy;

n is zero, one or two;

m is zero or one;

i is zero or one;

q is zero or one;

r is zero;

s is zero;

t is zero;

in all their stereoisomeric forms and mixtures thereof in all ratios, and their non-toxic, physiologically tolerable salts ~~and their prodrugs~~.

Claim 6 (currently amended) A compound of ~~the formula I as claimed in one or more of claims 1 to 5, which is a~~ claim 1 wherein G is ~~a residue of the formula II~~

$$-(CR^1\text{-}R^2)_n\text{-}A\text{-}(CR^1R^2)_m\text{-}(CR^1\text{-}R^3)_i\text{-}(CR^1R^2)_q\text{-}R^4 \qquad \text{~~II~~}$$

A is a direct bond;

X is hydrogen;

Y is hydrogen;

Z is N;

R_1 and R^2 are hydrogen;

R^3 is $R^6S(O)_2N(R^5)R^7$ or $R^6OC(O)N(R^5)R^7$;

R^4 is $-C(O)R^8$;

R^5 is hydrogen;

R^6 is selected from the group consisting of (C_1-C_{12})-alkyl, (C_3-C_{14})-cycloalkyl, (C_3-C_{14})-cycloalkyl-(C_1-C_8)-alkyl-, (C_5-C_{14})-aryl, (C_5-C_{14})-aryl-(C_1-C_8)-alkyl-, (C_5-C_{14})-heteroaryl ~~or~~ and (C_5-C_{14})-heteroaryl-(C_1-C_8)-alkyl- where aryl, heteroaryl, cycloalkyl and alkyl can be substituted one, two or three times by ~~identical or different substituents~~ at least one substituent selected from the ~~series~~ group consisting of fluorine, chlorine, bromine, cyano, trifluoromethyl, (C_1-C_6)-alkyl, (C_1-C_6)-alkoxy, (C_1-C_6)-alkylamino, di-$((C_1-C_6)$-alkyl)amino-, (C_5-C_{14})-aryl and (C_5-C_{14})-heteroaryl;

R^7 is a direct bond;

R^8 is hydroxy or (C_1-C_4)-alkoxy;

n is one;

m is zero;

i is one;

q is zero;

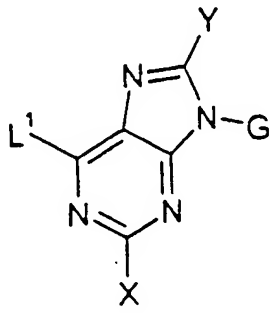
r is zero;

s is zero;

t is zero;

in all their stereoisomeric forms and mixtures thereof in all ratios, and their non-toxic, physiologically tolerable salts ~~and their prodrugs~~.

Claim 7 (currently amended) A process for the preparation of a compound ~~as claimed in one or more of claims 1 to 6,~~ of claim 1 comprising reacting a compound of the formula VI



VI

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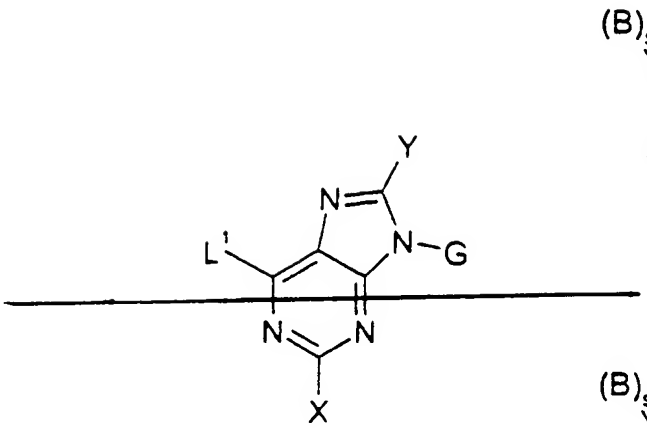
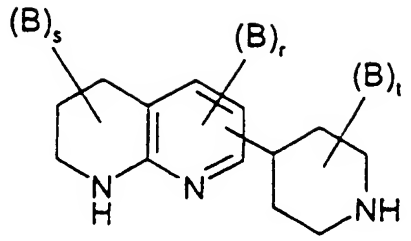
with a compound of the of formula VIIa or ~~with a compound~~ of ~~the~~ formula VIIb

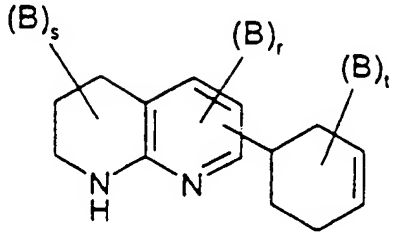


VI



VIIa

or



VIIb

wherein L^1 is a leaving group and B, G, X, Y, r, s and t are defined as in ~~claims 1 to 6~~ claim 1 but wherein functional groups can also be present in the form of precursor groups or in protected form.

Claim 8 (currently amended) A pharmaceutical composition, comprising ~~at least one~~ an amount of a compound of ~~the formula I as claimed in one or more of claims 1 to 6 and/or its physiologically tolerable salts and/or its prodrugs~~ claim 1 sufficient to act as a vitronectin receptor antagonist and a pharmaceutically acceptable carrier.

Claims 9-10 (cancelled)